LISTING OF CLAIMS

The following listing of claims replaces all prior versions, and listings, of claims in this application:

1. (Original) A coolant conditioning system for supplying a coolant to at least one fuel processing subsystem, the coolant conditioning system comprising:

a coolant storage tank;

a pump to supply a coolant flow, the pump including a pump inlet and a pump outlet;

at least one coolant preheater connected to a reformate flow to transfer heat from the reformate flow to the coolant flow, the at least one coolant preheater including a coolant inlet connected to the pump outlet and a coolant outlet;

a heater connected to the coolant outlet to selectively add heat to the coolant flow when the temperature of the coolant flow at the coolant outlet falls below a minimum temperature, the heater including a heater inlet for the coolant and a heater outlet for the coolant;

at least one outlet flow path to direct a portion of the coolant flow from the heater outlet to the at least one fuel processing subsystem; and

a return flow path to return a remainder of the coolant flow from the heater outlet to the storage tank.

2. (Original) The coolant conditioning system of claim 1 wherein the pump supplies the coolant flow at a desired flow rate.

3. (Original) The coolant conditioning system of claim 1 wherein the pump supplies the coolant flow at a constant flow rate.

4. (Original) The coolant conditioning system of claim 2 wherein a flow rate of the portion of the coolant flow under normal operating conditions is less than the desired flow rate.

5. (Original) The coolant conditioning system of claim 1 further comprising at least one pressure regulator downstream from the heater to maintain the portion of the coolant flow to the at least one fuel processing subsystem at a desired pressure.

6. (Original) The coolant conditioning system of claim 1 wherein the minimum temperature is the dewpoint temperature of the reformate flow.

7. (Original) The coolant conditioning system of claim 1 further comprising a temperature sensor to measure the temperature of the coolant flow exiting the preheater.

8. (Original) The coolant conditioning system of claim 7 wherein the heater is responsive to a signal from the temperature sensor.

9. (Original) The coolant conditioning system of claim 1 wherein the heater is an electric heater.

10. (Original) The coolant conditioning system of claim 1 further comprising a makeup flow path connected to the storage tank to provide additional coolant flow to the storage tank from a coolant source.

11. (Original) The coolant conditioning system of claim 10 wherein the coolant source is a recycle flow from a fuel cell system.

Claims 12-42 (Cancelled)